

General Information       Sealed Maintenance-free VRLA Battery; Model: OPTI 120         1.       Battery Type & Model       Sealed Maintenance-free VRLA Battery; Model: OPTI 120         2.       Nominal Capacity at 20 hr rate to end 10.5V/bloc at 25° C       120 Ah         3.       Nominal Voltage of Monobloc       12V         4.       Normal operating temperature       +20°C to +30°C         5.       Operating Temperature Limits       -20°C to +50°C         6.       Dimensions in mm       See Figure 1 below         7.       Weight in kgs       33.0 Kg (approx)         8.       Ampere-hour efficiency       95% (minimum)         9.       Watt-hour efficiency       85% (minimum)         10.       Charging Voltage       Boost: 14.0 V per battery at 25° C         a) Stand by Application       Boost: 14.0 V per battery at 25° C         b) Cyclic Application       14.1 V per battery at 25° C         c) Di Cyclic Application       14.1 V per battery at 25° C         11.       Charging Current Limit       12.0 A (minimum) in Constant Voltage mode         12.       Type of plate       Flat pasted         13.       Type of Separator       Absorptive Glass Mat (AGM)         14.       Material of container and lid       PP         15.       T	r								
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16. Electrolyte Dilute sulphuric acid in totally absorbed condition	16.	Electrolyte							

## Constant current discharge performance data @ 25° C:

	ECV	Discharge currents (Amps)							
		10 min	15 min	30 min	1 Hour	3 Hour	5 Hour	10 Hour	20 Hour
	1.75	215	172	112	69	28.0	19.0	10.9	6.0

## Figure 1:

